

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
<b>6 Cyl.</b>			<b>V6</b>			<b>8 Cyl.</b>		
6-63	1949-50	1	2.8 (173)	1984-87	14	4.7-J,N (285) SOHC	1999-07	24
6-73	1950-57	2	<b>4 Cyl.</b>			304	1971-81	25
ALL 6 CYL	1930-37	3	2.8-5 (171) DOHC	2005-06	15	5.2 (318)	1993-98	26
<b>8 Cyl.</b>			<b>6 Cyl.</b>			327	1965-68	27
ALL 8 CYL	1930-37	4	3.7-K (225) SOHC	2002-07	16	5.7-2 (345) OHV ENG	2005-07	28
<b>4 Cyl.</b>			<b>V6</b>			350	1968-71	29
2.1 (126) DIESEL	1985-87	5	225	1965-71	17	5.9 (360)	1971-93	30
134 F-HEAD	1950-73	6	<b>6 Cyl.</b>			<b>V8</b>		
134 L-HEAD	1941-65	7	226	1954-65	18	5.9 (360)	1998	31
2.4-1 (148) DOHC	2002-06	8	230 OHC	1962-64	19	<b>8 Cyl.</b>		
2.4-W (144) DOHC	2007	9	3.8-1 (231) OHV	2007	20	6.1-3 (370) OHV	2006-07	32
2.5 (150) DIESEL	1996	10	232 OHV	1965-78	21	401	1974-78	33
2.5-P (150)	1983-02	11	4.0-L,M,S (242) OHV	1987-06	22			
151 (MILITARY MODEL)	1980-83	12	4.2 (258)	1971-90	23			
151 2.5L (GM)	1980-83	13						

Line No.	Part Title	Part No	Description
<b>1</b>	<b>6-63 ENG - 1949-50 - 6 Cyl. -</b>		
	Mell Lube	M-10012	
	Crank Gear	2903	24 TEETH
<b>2</b>	<b>6-73 ENG - 1950-57 - 6 Cyl. -</b>		
	Mell Lube	M-10012	
	Cam Gear	2904L	48 TEETH
	Crank Gear	2905	24 TEETH
<b>3</b>	<b>ALL 6 CYL ENG - 1930-37 - 6 Cyl. -</b>		
	Mell Lube	M-10012	
	Chain	472	48 LINKS
<b>4</b>	<b>ALL 8 CYL ENG - 1930-37 - 8 Cyl. - (8-80D,8-88D,C113,C131 &amp; C157)</b>		
	Mell Lube	M-10012	
	Chain	472	48 LINKS
<b>5</b>	<b>2.1 (126) DIESEL ENG - 1985-87 - 4 Cyl. - 86 MM Bore (TURBO DIESEL-RENAULT ENG)</b>		
	Mell Lube	M-10012	
<b>6</b>	<b>134 F-HEAD ENG - 1950-73 - 4 Cyl. - 3 1/8 Bore</b>		
	Oil Pump	M-53A M-53	BEFORE ENG. #44417 FROM ENG. #44417
	Camshaft	SWC-1	MECH.
	Mell Lube	M-10012	
	Push Rods	MPR-170	INT.
	Intake Valve	V0302	HEAD DIA. 2.000
	Exhaust Valve	V0303	HEAD DIA. 1.468
	Valve Locks	VL-200	EXH.
	Cam Gear	2900	56 TEETH
	Crank Gear	2901	28 TEETH
<b>7</b>	<b>134 L-HEAD ENG - 1941-65 - 4 Cyl. - 3 1/8 Bore</b>		
	Oil Pump	M-53A M-53	BEFORE ENG. #44417 FROM ENG. #44417
	Mell Lube	M-10012	
	Intake Valve	V0122	HEAD DIA. 1.531
	Exhaust Valve	V0121	HEAD DIA. 1.469
	Cam Gear	2900	56 TEETH AFTER ENG. #44417
	Crank Gear	2901	28 TEETH AFTER ENG. #44417

**JEEP (Continued)**

Line No.	Part Title	Part No	Description
<b>8</b>	<b>2.4-1 (148) DOHC ENG. - 2002-06 - 4 Cyl. - 3.44 Bore (LIBERTY, WRANGLER) POWER TECH</b>		
	Oil Pump	M346	
	Mell Lube	M-10012	
	Lifters	JB-2240	HYD.
	Belt	B-0265	146 TEETH
	Balance Shaft Sprocket	S642	18 TEETH
	Tensioner	BT298	2003 BAL. SHAFT
	Guide	BG297	2003 BAL. SHAFT
<b>9</b>	<b>2.4-W (144) DOHC ENG - 2007 - 4 Cyl. - 3.46 Bore (COMPASS, PATRIOT)</b>		
	Mell Lube	M-10012	
<b>10</b>	<b>2.5 (150) DIESEL ENG - 1996 - 4 Cyl. -</b>		
	Mell Lube	M-10012	
<b>11</b>	<b>2.5-P (150) ENG - 1983-02 - 4 Cyl. - 3.876 Bore</b>		
	Oil Pump	M-81A	1983-2001
	Pump Kit	K-81A	1983-2001
	Screen Assy	81-AS5	1983-1985
		81-AS6	1986-1995
		361S	1996-2002
	Camshaft	SRC-9 MC1297	1983-1995 HYD. 1996-2002 HYD.
	Camshaft Lifter Kit	CL-SRC-9	1983-1995 KIT INCLUDES 1-[SRC-9] CAM, 8-[JB-2011] LIFTERS & 4OZ MELL LUBE
	Mell Lube	M-10012	
	Lifters	JB-2011	HYD.
	Push Rods	MPR-378	1983-2002
	Intake Valve	V1557	1983-1998 HEAD DIA. 1.910 W/RADIUS KEY GROOVE
		V1479	1983-1998 HEAD DIA. 1.910 W/SQUARE CUT KEY GROOVE
	Exhaust Valve	V1556	1983-1998 HEAD DIA. 1.500 W/RADIUS KEY GROOVE
	Valve Springs	VS-1080	1983-1987 1.82" LONG, SHAPED CYLINDRICALLY
		VS-1298	1988-1998 2.00" LONG, SHAPED CONICALLY
	Rocker Arms	MR-740	1983-1993
	Rocker Arm Kit	MRK-551-2	1983-1993 KIT INCLUDES 2-[MR-740] & 1-[MRM-1717]
	Rocker Arm Pivot Kit	MRM-1717	1983-1993 KIT INCLUDES 2-PIVOTS & 1-BRIDGE
	Chain	3SR64	64 LINKS
	Cam Sprocket	S608	48 TEETH
	Crank Sprocket	S607	24 TEETH
	Tensioner	BT167	
	3pc Set	3-3SR64	INCLUDES [3SR64], [S608] & [S607]
	Expansion Plug Kits	MPE-181R	1983-1996 BAGGED, STEEL KIT INCLUDES (3) MPC-106 BLOCK, (1) MPC-113 BLOCK/H, (1) MPS-170 CAMSHAFT, (2) MPP-567
		MPE-181	1983-1996 CARDED, STEEL KIT INCLUDES (3) MPC-106 BLOCK, (1) MPC-113 BLOCK/H, (1) MPS-170 CAMSHAFT, (2) MPP-567
<b>12</b>	<b>151 (MILITARY MODEL) ENG - 4 Cyl.</b>		
	Mell Lube	M-10012	
	Crank Gear	3651	19 TEETH
<b>13</b>	<b>151 2.5L (GM) ENG - 1980-83 - 4 Cyl. - 4.000 Bore (GM ENG.)</b>		
	Oil Pump	M-62C	
		M-62CHV	HI VOL PUMP-20% ADD'L VOL OF OIL THAN STOCK PUMP
	Pump Kit	K-62C	EXC. HI VOL
	Oil Pump Drive Gear	DG-62C	
	Screen Assy	62-CS1	
	Intermediate Shaft	IS-62C	
	Camshaft	SPC-10	HYD.
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>13</b>	<b>151 2.5L (GM) ENG - 1980-83 - 4 Cyl. - 4.000 Bore (GM ENG.) (Continued)</b>		
	Camshaft Lifter Kit	<b>CL-SPC-10</b>	KIT INCLUDES 1-[SPC-10] CAM, 8-[JB-2077] LIFTERS & 4OZ MELL LUBE
	Cam Thrust Plate	<b>MG220</b>	
	Cam Thrust Plate Spacer	<b>MG221</b>	
	Cam Thrust Plate Kit	<b>MG220X</b>	KIT INCLUDES THRUST PLATE & SPACER
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2077</b>	HYD.
	Push Rods	<b>MPR-338</b> <b>MPR-347</b>	1980-1981 1982-1983
	Intake Valve	<b>V1438</b>	HEAD DIA. 1.720
	Exhaust Valve	<b>V1437</b>	HEAD DIA. 1.500
	Valve Springs	<b>VS-170</b>	
	Valve Locks	<b>VL-200</b>	
	Rocker Arms	<b>MR-865</b>	1981-1983
	Rocker Arm Kit	<b>MRK-546</b> <b>MRK-409</b>	1980 KIT INCLUDES 1-[MR-806], 1-[MRM-1753] & 1-[MRM-1796] 1981-1983 KIT INCLUDES 1-[MR-865] & 1-[MRM-1716]
	Rocker Arm Ball	<b>MRM-1753</b> <b>MRM-1716</b>	1980 1981-1983
	Rocker Arm Nut	<b>MRM-1796</b>	1980
	Cam Gear	<b>2542</b>	54 TEETH FIBER
	Crank Gear	<b>2537</b>	27 TEETH
	Gear Set	<b>2542S</b>	FIBER INCLUDES [2542] & [2537]
<b>14</b>	<b>2.8 (173) ENG - 1984-87 - V6 - 3.504 Bore (CHEV)</b>		
	Oil Pump	<b>M-95B</b> <b>M-95HV</b>	HI VOL PUMP-20% ADD'L VOL OF OIL THAN STOCK PUMP
	Pump Kit	<b>K-95B</b>	EXC. HI VOL
	Screen Assy	<b>240S</b>	
	Intermediate Shaft	<b>IS-95</b>	
	Nylon Shaft Guide	<b>M-55024</b>	
	Camshaft	<b>CCS-30</b>	HYD.
	Camshaft Lifter Kit	<b>CL-CCS-30</b>	KIT INCLUDES 1-[CCS-30] CAM, 12-[JB-2095] LIFTERS & 4OZ MELL LUBE
	Camshafts Using Hydraulic Lifters	<b>MTC-5</b>	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72
	Torque Cam Lifter Kit	<b>CL-MTC-5</b>	KIT INCLUDES 1-[MTC-5] CAM, 12-[JB-2095] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72. CHECK FOR COIL BIND.
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2095</b>	HYD.
	Push Rods	<b>MPR-342</b>	
	Intake Valve	<b>V1395</b>	HEAD DIA. 1.600
	Exhaust Valve	<b>V1394</b>	HEAD DIA. 1.307
	Valve Springs	<b>VS-590</b>	
	Valve Locks	<b>VL-200</b>	
	Rocker Arms	<b>MR-864</b>	
	Rocker Arm Kit	<b>MRK-407</b>	KIT INCLUDES 1-[MR-864], 1-[MRM-1721], 1-[MRM-1720] & 1-[MRM-1723]
	Rocker Arm Ball	<b>MRM-1721</b>	
	Rocker Arm Nut	<b>MRM-1720</b>	
	Rocker Arm Stud	<b>MRDS-948</b>	
	Chain	<b>373</b>	64 LINKS
	Cam Sprocket	<b>S506</b>	40 TEETH
	Crank Sprocket	<b>S511</b>	20 TEETH
	<i>Continued on Next Page</i>		

**JEEP (Continued)**

Line No.	Part Title	Part No	Description
<b>14</b>	<b>2.8 (173) ENG - 1984-87 - V6 - 3.504 Bore (CHEV) (Continued)</b>		
	Damper	<b>BD59</b>	
	3pc Set	<b>3-373S</b>	INCLUDES [373], [S506] & [S511]
	Expansion Plug Kits	<b>MPE-165R</b>  <b>MPE-165</b>	1984-1986 BAGGED, STEEL KIT INCLUDES (3) MPC-234 BLOCK/H, (6) MPC-280 BLOCK, (2) MPP-554, (2) MPP-567 1984-1986 CARDED, STEEL KIT INCLUDES (3) MPC-234 BLOCK/H, (6) MPC-280 BLOCK, (2) MPP-554, (2) MPP-567
<b>15</b>	<b>2.8-5 (171) DOHC ENG - 2005-06 - 4 Cyl. - 3.70 Bore (LIBERTY) DIESEL</b>		
	Mell Lube	<b>M-10012</b>	
<b>16</b>	<b>3.7-K (225) SOHC ENG - 2002-07 - V6 - 3.66 Bore (LIBERTY, GRAND CHEROKEE, COMMANDER)</b>		
	Oil Pump	<b>M297</b>	2002-2006
	Screen Assy	<b>351S</b>	2002-2006
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2271</b>	2002-2004 HYD. LIBERTY
	Intake Valve	<b>V1918</b>	2002-2006 head dia. 1.915
	Chain	<b>393</b> <b>194</b>	35 LINKS PRIMARY 194 LINKS SECONDARY (2) REQUIRED
	Cam Sprocket	<b>S824</b> <b>S832</b> <b>S868</b>	26 TEETH LEFT HAND 2002-2003 26 TEETH RIGHT HAND W/JTEC SPROCKET 2004-2007 26 TEETH RIGHT HAND W/NGC SPROCKET
	Crank Sprocket	<b>S861</b>	25 TEETH
	Idler Sprocket	<b>S863</b>	50 TEETH PRIMARY
	Tensioner	<b>BT418</b> <b>BT433</b> <b>BT432</b> <b>BT431</b>	PRIMARY SECONDARY ARM (2) REQUIRED SECONDARY LEFT SECONDARY RIGHT
	Guide	<b>BG435</b> <b>BG434</b>	SECONDARY LEFT SECONDARY RIGHT
	Timing Kit	<b>3-393SB</b>  <b>3-393SA</b>	KIT INCLUDES [393], (2) [194], [BT418], [BT431], [BT432], (2) [BT433], [BG434], [BG435] SAME AS 3-393SA LESS SPROCKETS 2002-2003 KIT INCLUDES [393], (2) [194], [S861], [S824], [S832], [BT418], [BT431], [BT432], (2) [BT433], [BG434], [BG435], [S863]
<b>17</b>	<b>225 ENG - 1965-71 - V6 - 3 3/4 Bore (BUICK ENG)</b>		
	Pump Kit	<b>K-20I</b> <b>K-20IHV</b>  <b>K-20IPHV</b>	HI VOL KIT. PROVIDES 29% GREATER VOLUME. THIS IS A COMPLETE KIT THAT INCLUDES LONGER GEARS, SPACER, GASKETS, SPRINGS & INSTRUCTIONS. MAY REQUIRE REMOVING TIMING COVER FOR INSTALLATION. REQUIRES HAND TOOLS & DRILL (DRILL BIT INCLUDED) TO INSTALL. INCLUDES [K-20IHV] & [P-20I] THRUST PLATE KIT
	Gear Thrust Plate	<b>P-20I</b>	PROVIDES NEW WEARING SURFACE FOR OUR [K-20I], [K-20IHV], [K-20J] & [K-20JHV] OIL PUMP KIT. [P-20I] KIT INCLUDES CAST IRON THRUST PLATE, MOUNTING GASKET, PROPER LENGTH SCREWS & INSTRUCTION SHEET
	Camshaft	<b>SBC-8</b>	HYD.
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-896</b>	HYD.
	Push Rods	<b>MPR-314</b>	
	Exhaust Valve	<b>V0976</b>	HEAD DIA. 1.375
	Chain	<b>359</b>	54 LINKS
	Crank Sprocket	<b>S323</b>	20 TEETH
	3pc Set	<b>3-359S</b>	INCLUDES [359], [S334] & [S323]

Line No.	Part Title	Part No	Description
<b>18</b>	<b>226 ENG - 1954-65 - 6 Cyl. - 3 5/16 Bore</b>		
	Oil Pump	M-27B	
	Mell Lube	M-10012	
	Lifters	JB-729+1	.001 O/S
	Intake Valve	V0211	HEAD DIA. 1.520
	Exhaust Valve	V0210	HEAD DIA. 1.328
	Chain	505	46 LINKS 3/4" WIDE
<b>19</b>	<b>230 OHC ENG - 1962-64 - 6 Cyl. - 3 11/32 Bore</b>		
	Oil Pump	M-76	
	Mell Lube	M-10012	
	Cam Sprocket	S342	36 TEETH
<b>20</b>	<b>3.8-1 (231) OHV ENG - 2007 - 6 Cyl. - 3.78 Bore (WRANGLER)</b>		
	Mell Lube	M-10012	
<b>21</b>	<b>232 OHV ENG - 1965-78 - 6 Cyl. - 3 11/32 Bore (232 ENG NOT USED IN 1972 &amp; 1973)</b>		
	Oil Pump	M-81 M-81AHV-S3	HI VOL PUMP-25% ADD'L VOL OF OIL THAN STOCK PUMP. INCLUDES SCREEN.
	Pump Kit	K-81C	INCLUDES CAST IRON COVER EXC. HI VOL
	Screen Assy	81-S1 81-AS3	EXC. HI VOL USE W/OIL PUMP THAT HAS COVER W/TAB & SLOTTED HOLE
	Camshaft	SRC-6	HYD.
	Camshaft Lifter Kit	CL-SRC-6	KIT INCLUDES 1-[SRC-6] CAM, 12-[JB-2011] LIFTERS & 4OZ MELL LUBE
	Mell Lube	M-10012	
	Lifters	JB-2011	HYD.
	Push Rods	MPR-301  MPR-333 MPR-331	1974 W/ENGINES THAT HAVE ROCKER ARMS W/INDIVIDUAL PIVOTS 1975-76 ALL & 1977 W/TEMP & SENDING UNIT IN FRONT OF ENGINE. 1977 W/TEMP SENDING UNIT IN REAR OF ENGINE & 1978 ALL 1964-1970 8.5 RATIO 9.414 LONG
	Intake Valve	V0550 V1046 V1260	1965-1966 HEAD DIA. 1.787 MULTI GROOVE 1967-1970 HEAD DIA. 1.787 SINGLE GROOVE 1974-1978 HEAD DIA. 1.787
	Exhaust Valve	V0549 V1325 V1297	1965-1971 HEAD DIA. 1.406 MULTI GROOVE 1974-1978 HEAD DIA. 1.406 USED W/O ROTOCAP 1974-1978 HEAD DIA. 1.406 USED W/ROTOCAP
	Valve Springs	VS-500 VS-970 VS-980	1BC 2BC 2BC W/ROTOCAPS
	Valve Locks	VL-400 VL-400 VL-300 VL-400	1965-1966 INT. & EXH. 1967-1971 EXH. 1967-1971 INT. 1974-1978 INT. & EXH.
	Rocker Arms	MR-812 MR-801	1965-1974 USE W/ENGINES THAT HAVE A ROCKER ARM SHAFT 1974-1978 USE W/ENGINES THAT HAVE ROCKER ARMS W/INDIVIDUAL PIVOTS
	Rocker Arm Kit	MRK-541-2	1974-1978 KIT INCLUDES 2-[MR-801] & 1-[MRM-1717] PIVOT KIT USE W/ENGINES THAT HAVE ROCKER ARMS W/INDIVIDUAL PIVOTS
	Rocker Arm Pivot Kit	MRM-1717	1974-1978 KIT INCLUDES 2-PIVOTS & 1-BRIDGE
	Chain	494	48 LINKS
	Cam Sprocket	S388	36 TEETH
	Crank Sprocket	S355	18 TEETH
	3pc Set	3-494S	INCLUDES [494], [S388] & [S355]
	<i>Continued on Next Page</i>		

**JEEP (Continued)**

Line No.	Part Title	Part No	Description
<b>21</b>	<b>232 OHV ENG - 1965-78 - 6 Cyl. - 3 11/32 Bore (232 ENG NOT USED IN 1972 &amp; 1973) (Continued)</b>		
	Expansion Plug Kits	<b>MPE-116R</b> <b>MPE-116</b>	BAGGED, STEEL KIT INCLUDES (4) MPS-66 BLOCK/H, (1) MPS-170 CAMSHAFT, (2) MPP-554 CARDED, STEEL KIT INCLUDES (4) MPS-66 BLOCK/H, (1) MPS-170 CAMSHAFT, (2) MPP-554
<b>22</b>	<b>4.0-L,M,S (242) OHV ENG - 1987-06 - 6 Cyl. - 98.5 MM Bore</b>		
	Oil Pump	<b>M-81A</b> <b>M167HVS</b>	HI VOL PUMP-20% ADD'L VOL OF OIL THAN STOCK PUMP. INCLUDES SCREEN.
	Pump Kit	<b>K-81A</b>	EXC. HI VOL
	Screen Assy	<b>242S</b>	
	Camshaft	<b>MC809</b> <b>MC1376</b> <b>MC1376</b> <b>MC1377</b> <b>MC1377</b>	1987-1995 HYD. 1996-1998 HYD. CHEROKEE & GRAND CHEROKEE 1997-1999 HYD. WRANGLER 1999-2004 HYD. CHEROKEE & GRAND CHEROKEE 2000-2006 HYD. WRANGLER
	Camshaft Lifter Kit	<b>CL-MC809</b>	1987-1995 KIT INCLUDES 1-[MC809] CAM, 12-[JB-2011] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2011</b>	1987-2002 HYD.
	Push Rods	<b>MPR-437</b>	1987-2006
	Intake Valve	<b>V1557</b> <b>V1916</b>	1987-1998 HEAD DIA. 1.910 2000-2006 HEAD DIA. 1.910
	Exhaust Valve	<b>V1556</b> <b>V1917</b>	1987-1998 HEAD DIA. 1.500 2000-2006 HEAD DIA. 1.500
	Valve Springs	<b>VS-1080</b> <b>VS-1298</b> <b>VS-1298</b>	1987-1990 1.82" LONG, SHAPED CYLINDRICALLY 1987-1990 2.00" LONG, SHAPED CONICALLY 1991-1995
	Rocker Arms	<b>MR-740</b> <b>MR-740</b>	1987-1993 1996-2006
	Rocker Arm Kit	<b>MRK-551-2</b>	1987-1993 KIT INCLUDES 2-[MR-740] & 1-[MRM-1717]
	Rocker Arm Pivot Kit	<b>MRM-1717</b>	1987-1993 KIT INCLUDES 2-PIVOTS & 1-BRIDGE
	Chain	<b>4SR48</b> <b>385</b>	1987-1993 48 LINKS 1994-2006 64 LINKS
	Cam Sprocket	<b>S688</b> <b>S808</b> <b>S822</b>	1987-1993 36 TEETH 1994-1998 48 TEETH 1999-2006 45 TEETH
	Crank Sprocket	<b>S689</b> <b>S809</b>	1987-1993 18 TEETH 1994-2006 24 TEETH
	Guide	<b>BG337</b>	1994-2004
	Timing Kit	<b>3-385SA</b> <b>3-385SB</b>	1994-1998 KIT INCLUDES [385], [S808], [S809], [BG337] 1999-2004 KIT INCLUDES [385], [S809], [S822], [BG337]
	3pc Set	<b>3-4SR48</b>	1987-1993 INCLUDES [4SR48], [S688] & [S689]
	Expansion Plug Kits	<b>MPE-256BR</b> <b>MPE-256R</b> <b>MPE-256B</b> <b>MPE-256</b>	1987-2002 BAGGED, BRASS KIT INCLUDES (4) MPS-66-B BLOCK, (2) MPC-16-B, (1) MPS-170 1987-2002 BAGGED, STEEL KIT INCLUDES (4) MPS-66 BLOCK, (2) MPC-16, (1) MPS-170 1987-2002 CARDED, BRASS KIT INCLUDES (4) MPS-66-B BLOCK, (2) MPC-16-B, (1) MPS-170 1987-2002 CARDED, STEEL KIT INCLUDES (4) MPS-66 BLOCK, (2) MPC-16, (1) MPS-170
<b>23</b>	<b>4.2 (258) ENG - 1971-90 - 6 Cyl. - 3 3/4 Bore</b>		
	Oil Pump <i>Continued on Next Page</i>	<b>M-81</b>	1971-1980

Line No.	Part Title	Part No	Description
<b>23</b>	<b>4.2 (258) ENG - 1971-90 - 6 Cyl. - 3 3/4 Bore (Continued)</b>		
	Oil Pump	<b>M-81AHV-S4</b> <b>M-81AHV-S3</b> <b>M-81A</b>	1971-1990 HI VOL PUMP-25% ADD'L VOL OF OIL THAN STOCK PUMP. INCLUDES SCREEN. "DJ" POSTAL VEHICLE 1971-1990 HI VOL PUMP-25% ADD'L VOL OF OIL THAN STOCK PUMP. INCLUDES SCREEN. EXC. "DJ" POSTAL VEHICLE. 1981-1990
	Pump Kit	<b>K-81C</b> <b>K-81A</b>	1971-1980 EXC. HI VOL- INCLUDES CAST IRON COVER 1981-1990
	Screen Assy	<b>81-S</b> <b>81-S1</b> <b>81-AS4</b> <b>81-AS3</b>	1971-1982 "DJ" POSTAL VEHICLE- USE W/OIL PUMP THAT HAS COVER W/NO TAB & SLOTTED HOLE 1971-1982 EXC. "DJ" POSTAL VEHICLE-USE W/OIL PUMP THAT HAS COVER W/NO TAB & SLOTTED HOLE 1971-1986 "DJ" POSTAL VEHICLE- USE W/OIL PUMP THAT HAS COVER W/TAB & SLOTTED HOLE 1971-1990 EXC. "DJ" POSTAL VEHICLE-USE W/OIL PUMP THAT HAS COVER W/TAB & SLOTTED HOLE
	Camshaft	<b>SRC-6</b> <b>SRC-6</b> <b>MC809</b> <b>MC809</b> <b>SRC-6</b> <b>SRC-8</b>	1971-1976 HYD. 1977-1978 W/1BC HYD. 1977-1978 W/2BC HYD. 1979-1980 W/A.T. HYD. 1979-1980 W/M.T. HYD. 1981-1990 HYD.
	Camshaft Lifter Kit	<b>CL-SRC-6</b> <b>CL-MC809</b> <b>CL-MC809</b> <b>CL-SRC-8</b>	KIT INCLUDES 1-[SRC-6] CAM, 12-[JB-2011] LIFTERS & 4OZ MELL LUBE SEE CAM FOR APPLICATIONS 1977-1978 KIT INCLUDES 1-[MC809] CAM, 12-[JB-2011] LIFTERS & 4OZ MELL LUBE W/2BC HYD. 1979-1980 KIT INCLUDES 1-[MC809] CAM, 12-[JB-2011] LIFTERS & 4OZ MELL LUBE W/A.T. HYD 1981-1990 KIT INCLUDES 1-[SRC-8] CAM, 12-[JB-2011] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2011</b>	HYD.
	Push Rods	<b>MPR-301</b> <b>MPR-301</b> <b>MPR-301</b> <b>MPR-333</b> <b>MPR-333</b> <b>MPR-353</b>	1971-1974 W/O ROCKER ARM SHAFT 1975-1976 1977 W/TEMP SENDING UNIT IN FRONT OF ENG. 1977 W/TEMP SENDING UNIT IN REAR OF ENG. 1978-1980 1981-1988
	Intake Valve	<b>V1046</b> <b>V1260</b> <b>V1046</b> <b>V1442</b>	1971-1972 HEAD DIA. 1.787 SINGLE GROOVE 1973-1980 HEAD DIA. 1.787 1981-1986 HEAD DIA. 1.787 MUST USE OEM RETAINERS 1987-1990 HEAD DIA. 1.787 MUST USE OEM RETAINERS
	Exhaust Valve	<b>V0549</b>  <b>V1045</b>  <b>V1325</b> <b>V1045</b> <b>V1441</b>	1971-1972 HEAD DIA. 1.406 W/ROCKER ARM SHAFT RUNNING LENGTH OF HEAD- SINGLE GROOVE 1972 HEAD DIA. 1.406 W/ROCKER ARMS ATTACHED TO HEAD W/PIVOT & 2 BOLTS 1973-1980 HEAD DIA. 1.406 1981-1986 HEAD DIA. 1.406 MUST USE OEM RETAINERS 1987-1990 HEAD DIA. 1.408
	Valve Springs	<b>VS-500</b> <b>VS-980</b> <b>VS-970</b>	1974-1977 1BC W/O ROTOCAPS 1974-1977 EXH. W/ROTOCAPS & 1BC 1977-1990 W/2BC
	Valve Locks	<b>VL-400</b> <b>VL-300</b> <b>VL-300</b>	1971 TO 2/7/72 EXH. 1971 TO 12/31/72 INT. FROM 2/7/72 TO 12/31/72 EXH.
	<i>Continued on Next Page</i>		

**JEEP (Continued)**

Line No.	Part Title	Part No	Description
<b>23</b>	<b>4.2 (258) ENG - 1971-90 - 6 Cyl. - 3 3/4 Bore (Continued)</b>		
	Valve Locks	<b>VL-400</b> <b>VL-300</b>	1973-1980 INT. & EXH. 1981-1990 INT. & EXH.
	Rocker Arms	<b>MR-812</b> <b>MR-801</b>  <b>MR-740</b>	1971-1974 USE W/ENGINES THAT HAVE A ROCKER ARM SHAFT 1974-1982 USE W/ENGINES THAT HAVE ROCKER ARMS W/INDIVIDUAL PIVOTS 1983-1990
	Rocker Arm Kit	<b>MRK-541-2</b> <b>MRK-552-2</b> <b>MRK-551-2</b>	1974-1982 KIT INCLUDES 2-[MR-801] & 1-[MRM-1717] PIVOT KIT 1983-1990 KIT INCLUDES 2-[MR-740] & 1-[MRM-1712] CYL. #3 & 4 1983-1990 KIT INCLUDES 2-[MR-740] & 1-[MRM-1717] CYL. #1, 2, 5 & 6
	Rocker Arm Pivot Kit	<b>MRM-1717</b> <b>MRM-1717</b> <b>MRM-1712</b>	1974-1982 KIT INCLUDES 2-PIVOTS & 1-BRIDGE 1983-1990 KIT INCLUDES 2-PIVOTS & 1-BRIDGE CYL. #1, 2, 5 & 6 1983-1990 KIT INCLUDES 2-PIVOTS & 1-BRIDGE CYL. #3 & 4
	Chain	<b>494</b>	48 LINKS
	Cam Sprocket	<b>S388</b>	36 TEETH
	Crank Sprocket	<b>S355</b>	18 TEETH
	3pc Set	<b>3-494S</b>	INCLUDES [494], [S388] & [S355]
	Expansion Plug Kits	<b>MPE-116R</b>  <b>MPE-116</b>	BAGGED, STEEL KIT INCLUDES (4) MPS-66 BLOCK/H, (1) MPS-170 CAMSHAFT, (2) MPP-554 CARDED, STEEL KIT INCLUDES (4) MPS-66 BLOCK/H, (1) MPS-170 CAMSHAFT, (2) MPP-554
<b>24</b>	<b>4.7-J,N (285) SOHC ENG - 1999-07 - 8 Cyl. - 3.66 Bore (COMMANDER, GRAND CHEROKEE)</b>		
	Oil Pump	<b>M297</b>	1999-2007
	Screen Assy	<b>320S</b>	1999-2007
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2271</b>	1999-2007 HYD.
	Intake Valve	<b>V1918</b>	1999-2007 head dia. 1.915
	Exhaust Valve	<b>V5560</b> <b>V5560</b> <b>V5560</b>	1999-2002 HEAD DIA 1.457 2003-2004 HEAD DIA 1.457 W/O H.O 2005-2006 HEAD DIA 1.457
	Chain	<b>393</b> <b>394</b>	1999-2006 35 LINKS PRIMARY 1999-2006 53 LINKS SECONDARY (2) REQ.
	Cam Sprocket	<b>S854</b> <b>S852</b> <b>S870</b>	1999-2001 30 TEETH RIGHT HAND W/O JTEC TARGET WHEEL 1999-2007 30 TEETH LEFT 2002-2007 30 TEETH RIGHT HAND W/ NGC TARGET WHEEL
	Crank Sprocket	<b>S861</b>	1999-2007 25 TEETH
	Idler Sprocket	<b>S865</b> <b>S863</b>	1999-2006 30 TEETH SECONDARY 1999-2007 50 TEETH PRIMARY
	Tensioner	<b>BT418</b> <b>BT420</b> <b>BT419</b>	1999-2006 PRIMARY 1999-2007 HYDRAULIC SECONDARY LEFT 1999-2007 HYDRAULIC SECONDARY RIGHT
	Damper	<b>BD421</b>	1999-2006 SECONDARY ARM (2) REQUIRED
	Guide	<b>BG422</b>	1999-2006 SECONDARY (2) REQUIRED
	Timing Kit	<b>3-393S</b>  <b>3-393SC</b>	1999-2001 KIT INCLUDES [393], (2) [394], [S852], [S854], [S861], [S863], [S865], [BT418], [BT419], [BT420], (2) [BD421], (2) [BG422] W/JTEC CAM SPROCKET 2002-2006 KIT INCLUDES [393], (2) [394], [S852], [S870], [S861], [BT418], [BT419], [BT420], (2) [BD421], (2) [BG422], [S863], [S865] W/NGC CAM SPROCKET
<b>25</b>	<b>304 ENG - 1971-81 - 8 Cyl. - 3 3/4 Bore</b>		
	Pump Kit	<b>K-85</b>	
	Screen Assy	<b>85-S</b>	
	Camshaft	<b>SRC-5</b>	1971-78 EXC. 1972 W/CALIF. HYD.
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>25</b>	<b>304 ENG - 1971-81 - 8 Cyl. - 3 3/4 Bore (Continued)</b>		
	Camshaft Lifter Kit	<b>CL-SRC-5</b>	KIT INCLUDES 1-[SRC-5] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE 1971-78 EXC. 1972 W/CALIF.
	Camshafts Using Hydraulic Lifters	<b>MTA-1</b>	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82
	Camshaft Lifter Kits Using Hydraulic Lifters	<b>CL-MTA-1</b>	KIT INCLUDES 1-[MTA-1] TORQUE CAM, 16-[29011] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2011</b>	HYD.
	Push Rods	<b>MPR-34-B</b>	
	Intake Valve	<b>V1046</b> <b>V1260</b> <b>V1046</b>	1971-1972 HEAD DIA. 1.787 1973-1980 HEAD DIA. 1.787 1981 HEAD DIA. 1.787
	Exhaust Valve	<b>V1045</b> <b>V1325</b> <b>V1045</b>	1971-1972 HEAD DIA. 1.406 1973-1980 HEAD DIA. 1.406 1981 HEAD DIA. 1.406
	Valve Springs	<b>VS-460</b> <b>VS-970</b>	1971-1977 1978-1981
	Valve Locks	<b>VL-300</b> <b>VL-400</b> <b>VL-300</b>	1971-1972 1 GROOVE 1973-1980 4 GROOVES 1981 1 GROOVE
	Rocker Arms	<b>MR-875</b> <b>MR-802</b>	1971-1973 1974-1981
	Rocker Arm Kit	<b>MRK-450</b>  <b>MRK-544-2</b>	1971-1973 KIT INCLUDES 1-[MR-875], 1-[MRM-1755] & 1-[MRM-1786] 1974-1981 KIT INCLUDES 2-[MR-802] & 1-[MRM-1717]
	Rocker Arm Pivot Kit	<b>MRM-1717</b>	1974-1981 KIT INCLUDES 2-PIVOTS & 1-BRIDGE
	Rocker Arm Ball	<b>MRM-1755</b>	1971-1973
	Rocker Arm Nut	<b>MRM-1786</b>	1971-1973
	Rocker Arm Stud	<b>MRDS-945</b>	1971-1973
	Chain	<b>374</b> <b>349</b>	62 LINKS 3/4" WIDE 62 LINKS 7/8" WIDE
	Cam Sprocket	<b>S512</b>	46 TEETH USE W/3/4" WIDE CHAIN
	Crank Sprocket	<b>S515</b> <b>S281</b>	23 TEETH USE W/3/4" WIDE CHAIN 23 TEETH USE W/7/8" WIDE CHAIN
	3pc Set	<b>3-349S</b> <b>3-374SA</b>	INCLUDES [349], [S412] & [S281] USE AS A SET ONLY INCLUDES [374], [S512] & [S515] USE AS SET ONLY
	Expansion Plug Kits	<b>MPE-117R</b>  <b>MPE-117</b>	BAGGED, STEEL KIT INCLUDES (6) MPC-30 BLOCK, (1) MPS-170 CAMSHAFT, (4) MPP-554 CARDED, STEEL KIT INCLUDES (6) MPC-30 BLOCK, (1) MPS-170 CAMSHAFT, (4) MPP-554
<b>26</b>	<b>5.2 (318) ENG - 1993-98 - 8 Cyl. - 3.91 Bore</b>		
	Oil Pump	<b>M-72</b> <b>M-72HV</b>	HI VOL PUMP (25% ADD'L VOL OF OIL)
	Pump Kit	<b>K-72</b>	EXC. HI VOL
	Screen Assy	<b>265S</b>	
	Intermediate Shaft	<b>IS-72</b>	
	Camshaft	<b>MC1262</b> <b>MC1309</b>	1993-1994 HYD. ROLLER 1995-1998 HYD. ROLLER
	Camshaft Lifter Kit	<b>CL-MC1262</b>	1993-1994 KIT INCLUDES 1-[MC1262] CAM, 16-[JB-2225] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2225</b>	HYD. ROLLER
	Push Rods	<b>MPR-462</b>	
	<i>Continued on Next Page</i>		

**JEEP (Continued)**

Line No.	Part Title	Part No	Description
<b>26</b>	<b>5.2 (318) ENG - 1993-98 - 8 Cyl. - 3.91 Bore (Continued)</b>		
	Intake Valve	V1714	HEAD DIA. 1.920 EXC. C.N.G.
	Exhaust Valve	V1715	HEAD DIA. 1.624
	Valve Springs	VS-1298	
	Rocker Arms	MR-931	
	Chain	380	68 LINKS
	Cam Sprocket	S712	46 TEETH
	Crank Sprocket	S721	23 TEETH
	3pc Set	3-380S	INCLUDES [380], [S712] & [S721]
<b>27</b>	<b>327 ENG - 1965-68 - 8 Cyl. - 4.000 Bore</b>		
	Oil Pump	M-64	1965-1966
	Pump Kit	K-85	1967-1968
	Screen Assy	85-S	1967-1968
	Mell Lube	M-10012	
	Lifters	JB-2011	HYD.
	Push Rods	MPR-330	
	Intake Valve	V0550	HEAD DIA. 1.787
	Exhaust Valve	V0549	HEAD DIA. 1.406
	Valve Springs	VS-500	
	Valve Locks	VL-400 VL-300	4 GROOVES SINGLE GROOVE
	Chain	349	62 LINKS
	Crank Sprocket	S281	23 TEETH
<b>28</b>	<b>5.7-2 (345) OHV ENG - 2005-07 - 8 Cyl. - 3.92 Bore (GRAND CHEROKEE, COMMANDER) HEMI</b>		
	Oil Pump	M342	
	Mell Lube	M-10012	
	Timing Kit	3-704S	2005-2006 KIT INCLUDES (1) TIMING CHAIN, (1) CAM SPROCKET, (1) CRANK SPROCKET, (1) TENSIONER
<b>29</b>	<b>350 ENG - 1968-71 - 8 Cyl. - 3.800 Bore (BUICK ENG)</b>		
	Retainers	MRM-1724	1970-1971
	Pump Kit	K-20I K-20IHV  K-20IPHV	HI VOL KIT. PROVIDES 29% GREATER VOLUME. THIS IS A COMPLETE KIT THAT INCLUDES LONGER GEARS, SPACER, GASKETS, SPRINGS & INSTRUCTIONS. MAY REQUIRE REMOVING TIMING COVER FOR INSTALLATION. REQUIRES HAND TOOLS & DRILL (DRILL BIT INCLUDED) TO INSTALL. INCLUDES [K-20IHV] & [P-20I] THRUST PLATE KIT
	Gear Thrust Plate	P-20I	PROVIDES NEW WEARING SURFACE FOR OUR [K-20I], [K-20IHV], [K-20J] & [K-20JHV] OIL PUMP KIT. [P-20I] KIT INCLUDES CAST IRON THRUST PLATE, MOUNTING GASKET, PROPER LENGTH SCREWS & INSTRUCTION SHEET
	Camshaft	SBC-5	HYD.
	Camshaft Lifter Kit	CL-SBC-5	1970-1971 KIT INCLUDES 1-[SBC-5] CAM, 16-[JB-969] LIFTERS & 4OZ MELL LUBE
	Mell Lube	M-10012	
	Lifters	JB-969	1970-1971 HYD.
	Push Rods	MPR-316 MPR-303	1968-1969 1970-1971
	Intake Valve	V1082	HEAD DIA. 1.875
	Exhaust Valve	V1081	HEAD DIA. 1.500
	Valve Springs	VS-510	
	Valve Locks	VL-530	
	Rocker Arms	MR-814 MR-813	1970-1971 LEFT HAND 1970-1971 RIGHT HAND
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>29</b>	<b>350 ENG - 1968-71 - 8 Cyl. - 3.800 Bore</b> (BUICK ENG) (Continued)		
	Rocker Arm Kit	<b>MRK-542-R</b> <b>MRK-542-L</b>	1970-1971 KIT INCLUDES 1-[MR-813] & 1-[MRM-1724] RIGHT HAND 1970-1971 KIT INCLUDES 1-[MR-814] & 1-[MRM-1724] LEFT HAND
	Chain	<b>359</b>	54 LINKS
	Crank Sprocket	<b>S323</b>	20 TEETH
	3pc Set	<b>3-359S</b>	INCLUDES [359], [S334] & [S323]
<b>30</b>	<b>5.9 (360) ENG - 1971-93 - 8 Cyl. - 4.080 Bore</b>		
	Pump Kit	<b>K-85</b>	
	Screen Assy	<b>85-S</b>	
	Camshaft	<b>SRC-5</b>	EXC. 1972 CALIF. HYD.
	Camshaft Lifter Kit	<b>CL-SRC-5</b>	KIT INCLUDES 1-[SRC-5] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE EXC. 1972 CALIF.
	Camshafts Using Hydraulic Lifters	<b>MTA-1</b>	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. (USE [VS-280] SPRING, 1971-1977). W/INSTALLED HGT. OF 1.82
	Camshaft Lifter Kits Using Hydraulic Lifters	<b>CL-MTA-1</b>	KIT INCLUDES 1-[MTA-1] TORQUE CAM, 16-[29011] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2011</b>	HYD.
	Push Rods	<b>MPR-139</b> <b>MPR-34-B</b>	1971 7 53/64" LONG 1972-1993
	Intake Valve	<b>V1048</b> <b>V1258</b>	1971-1972 HEAD DIA. 2.025 1973-1993 HEAD DIA. 2.025
	Exhaust Valve	<b>V1179</b> <b>V1326</b> <b>V1257</b> <b>V1326</b> <b>V1326</b>	1971-1972 HEAD DIA. 1.680 1973 HEAD DIA. 1.682 1974 HEAD DIA. 1.682 EXC. J20 TRUCK 1974 HEAD DIA. 1.682 J20 TRUCK 1975-1993 HEAD DIA. 1.682
	Valve Springs	<b>VS-460</b> <b>VS-970</b>	1971-1977 1978-1993
	Valve Locks	<b>VL-300</b> <b>VL-400</b> <b>VL-300</b>	1971-1972 1 GROOVE 1973-1993 4 GROOVES 1981-1986 1 GROOVE
	Rocker Arms	<b>MR-875</b> <b>MR-802</b>	1971-1973 1974-1993
	Rocker Arm Kit	<b>MRK-450</b>  <b>MRK-544-2</b>	1971-1973 KIT INCLUDES 1-[MR-875], 1-[MRM-1755] & 1-[MRM-1786] 1974-1993 KIT INCLUDES 2-[MR-802] & 1-[MRM-1717]
	Rocker Arm Pivot Kit	<b>MRM-1717</b>	1974-1993 KIT INCLUDES 2-PIVOTS & 1-BRIDGE
	Rocker Arm Ball	<b>MRM-1755</b>	1971-1973
	Rocker Arm Nut	<b>MRM-1786</b>	1971-1973
	Rocker Arm Stud	<b>MRDS-945</b>	1971-1973
	Chain	<b>374</b> <b>349</b>	62 LINKS 3/4" WIDE 62 LINKS 7/8" WIDE
	Cam Sprocket	<b>S512</b>	46 TEETH USE W/3/4" WIDE CHAIN
	Crank Sprocket	<b>S515</b> <b>S281</b>	23 TEETH USE W/3/4" WIDE CHAIN 23 TEETH USE W/7/8" WIDE CHAIN
	3pc Set	<b>3-349S</b> <b>3-374SA</b>	INCLUDES [349], [S412] & [S281] USE AS A SET ONLY INCLUDES [374], [S512] & [S515] USE AS SET ONLY
	Expansion Plug Kits	<b>MPE-117R</b>  <b>MPE-117</b>	BAGGED, STEEL KIT INCLUDES (6) MPC-30 BLOCK, (1) MPS-170 CAMSHAFT, (4) MPP-554 CARDED, STEEL KIT INCLUDES (6) MPC-30 BLOCK, (1) MPS-170 CAMSHAFT, (4) MPP-554

**JEEP (Continued)**

Line No.	Part Title	Part No	Description
<b>31</b>	<b>5.9 (360) ENG - 1998 - V8 - 4.000 Bore (GRAND CHEROKEE)</b>		
	Oil Pump	<b>M-72</b> <b>M-72HV</b>	HI VOL PUMP (25% ADD'L VOL OF OIL)
	Pump Kit	<b>K-72</b>	EXC. HI VOL
	Screen Assy	<b>265S</b>	
	Intermediate Shaft	<b>IS-72</b>	
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2225</b>	HYD. ROLLER
	Push Rods	<b>MPR-462</b>	
	Intake Valve	<b>V1714</b>	HEAD DIA. 1.920
	Exhaust Valve	<b>V1715</b>	HEAD DIA. 1.624
	Valve Springs	<b>VS-1298</b>	
	Rocker Arms	<b>MR-931</b>	
	Chain	<b>380</b>	68 LINKS
	Cam Sprocket	<b>S712</b>	46 TEETH
	Crank Sprocket	<b>S721</b>	23 TEETH
	3pc Set	<b>3-380S</b>	INCLUDES [380], [S712] & [S721]
<b>32</b>	<b>6.1-3 (370) OHV ENG - 2006-07 - 8 Cyl. - 4.06 Bore (GRAND CHEROKEE SRT8) HEMI</b>		
	Oil Pump	<b>M362</b>	
	Mell Lube	<b>M-10012</b>	
<b>33</b>	<b>401 ENG - 1974-78 - 8 Cyl. - 4.165 Bore</b>		
	Pump Kit	<b>K-85</b>	
	Screen Assy	<b>85-S</b>	
	Camshaft	<b>SRC-5</b>	HYD.
	Camshaft Lifter Kit	<b>CL-SRC-5</b>	KIT INCLUDES 1-[SRC-5] CAM, 16-[JB-2011] LIFTERS & 4OZ MELL LUBE
	Camshafts Using Hydraulic Lifters	<b>MTA-1</b>	HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82
	Camshaft Lifter Kits Using Hydraulic Lifters	<b>CL-MTA-1</b>	KIT INCLUDES 1-[MTA-1] TORQUE CAM, 16-[29011] LIFTERS & 4OZ MELL LUBE
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2011</b>	HYD.
	Push Rods	<b>MPR-34-B</b>	
	Intake Valve	<b>V1258</b>	HEAD DIA. 2.025
	Exhaust Valve	<b>V1257</b> <b>V1326</b> <b>V1326</b>	1974 HEAD DIA. 1.682 EXC. J20 TRUCK 1974 HEAD DIA. 1.682 J20 TRUCK 1975-1978 HEAD DIA. 1.682
	Valve Springs	<b>VS-460</b> <b>VS-970</b>	1974-1977 1978
	Valve Locks	<b>VL-300</b> <b>VL-400</b>	1 GROOVE 4 GROOVES
	Rocker Arms	<b>MR-802</b>	
	Rocker Arm Kit	<b>MRK-544-2</b>	KIT INCLUDES 2-[MR-802] & 1-[MRM-1717]
	Rocker Arm Pivot Kit	<b>MRM-1717</b>	KIT INCLUDES 2-PIVOTS & 1-BRIDGE
	Chain	<b>374</b> <b>349</b>	62 LINKS 3/4" WIDE 62 LINKS 7/8" WIDE
	Cam Sprocket	<b>S512</b>	46 TEETH USE W/3/4" WIDE CHAIN
	Crank Sprocket	<b>S515</b> <b>S281</b>	23 TEETH USE W/3/4" WIDE CHAIN 23 TEETH USE W/7/8" WIDE CHAIN
	3pc Set	<b>3-349S</b> <b>3-374SA</b>	INCLUDES [349], [S412] & [S281] USE AS A SET ONLY INCLUDES [374], [S512] & [S515] USE AS SET ONLY
	Expansion Plug Kits	<b>MPE-117R</b>	1974-1976 BAGGED, STEEL KIT INCLUDES (6) MPC-30 BLOCK, (1) MPS-170 CAMSHAFT, (4) MPP-554
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>33</b>	<b>401 ENG - 1974-78 - 8 Cyl. - 4.165 Bore</b> (Continued)		
	Expansion Plug Kits	<b>MPE-117</b>	1974-1976 CARDED, STEEL KIT INCLUDES (6) MPC-30 BLOCK, (1) MPS-170 CAMSHAFT, (4) MPP-554

**JOHN DEERE TRACTOR**

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
<b>3 Cyl.</b> 152,164,179		1	<b>6 Cyl.</b> 301,341 GAS		4	<b>6 Cyl.</b> 404 DIESEL		8
<b>4 Cyl.</b> 201,227 GAS		2	303,329,359D		5	414D DIESEL		9
202,219,239,276 DIESEL		3	404T,466 A,T		6	466D DIESEL		10
			<b>4 Cyl.</b> 270 DIESEL		7			

Line No.	Part Title	Part No	Description
<b>1</b>	<b>152,164,179 ENG - 3 Cyl.</b> (JD480FL,JD540 SKIDDER TO SER. NO. 49,999, 2150,215 2240)		
	Mell Lube	<b>M-10012</b>	
	Exhaust Valve	<b>V1233</b>	HEAD DIA. 1.575
	Valve Locks	<b>VL-300</b>	
<b>2</b>	<b>201,227 GAS ENG - 4 Cyl.</b> (MODEL 3010,3020,JD500)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0659</b>	HEAD DIA. 1.688
	Exhaust Valve	<b>V0658</b>	HEAD DIA. 1.500
	Valve Locks	<b>VL-100</b>	
<b>3</b>	<b>202,219,239,276 DIESEL ENG - 4 Cyl.</b> (JD480FL,JD540 SKIDDER TO SER NO 49,999,JD202D POWER UNIT,2440,219 TURBO,239 TURBO,2640 DIESEL)		
	Mell Lube	<b>M-10012</b>	
	Exhaust Valve	<b>V1233</b>	HEAD DIA. 1.575
	Valve Locks	<b>VL-300</b>	
<b>4</b>	<b>301,341 GAS ENG - 6 Cyl. - 4.00 Bore</b> (MODEL 4010,4200,JD600)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V0659</b>	HEAD DIA. 1.688
	Exhaust Valve	<b>V0658</b>	HEAD DIA. 1.500
	Valve Locks	<b>VL-100</b>	
<b>5</b>	<b>303,329,359D ENG - 6 Cyl.</b> (MODEL 4030)		
	Mell Lube	<b>M-10012</b>	
	Exhaust Valve	<b>V1233</b>	HEAD DIA. 1.575
	Valve Locks	<b>VL-100</b>	
<b>6</b>	<b>404T,466 A,T ENG - 6 Cyl.</b> (TURBO & INTERCOOLED DIESEL)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V1403</b>	HEAD DIA. 1.715
	Exhaust Valve	<b>V1377</b>	HEAD DIA. 1.715
	Valve Locks	<b>VL-300</b>	
<b>7</b>	<b>270 DIESEL ENG - 4 Cyl. - 4 1/4 Bore</b> (MODELS 3020 & JD500)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V1289</b>	HEAD DIA. 1.898 MODEL 3020 TO SER. 122999 & MODEL JD500 TO SER. 123113
		<b>V1336</b>	HEAD DIA. 1.902 MODEL 3020 AFTER SER. 122999 & MODEL JD500 AFTER SER. 123113
	Exhaust Valve	<b>V1288</b>	HEAD DIA. 1.714 MODEL 3020 TO SER. 122999 & MODEL JD500 TO SER. 123113
		<b>V1375</b>	HEAD DIA. 1.715 MODEL 3020 AFTER SER. 122999 & MODEL JD500 AFTER SER. 123113
	Valve Locks	<b>VL-300</b>	